



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140327

Mode: Highway

Status: Submitted

US-25 (McDowell Street)

From/Cross Street: SR 3214 Biltmore Ave

Specific Improvement Type: 11 - Access Management

To: US 25 Southside Ave

Project Category: Regional Impact

Length: 1.6

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$30,674,000

Description:

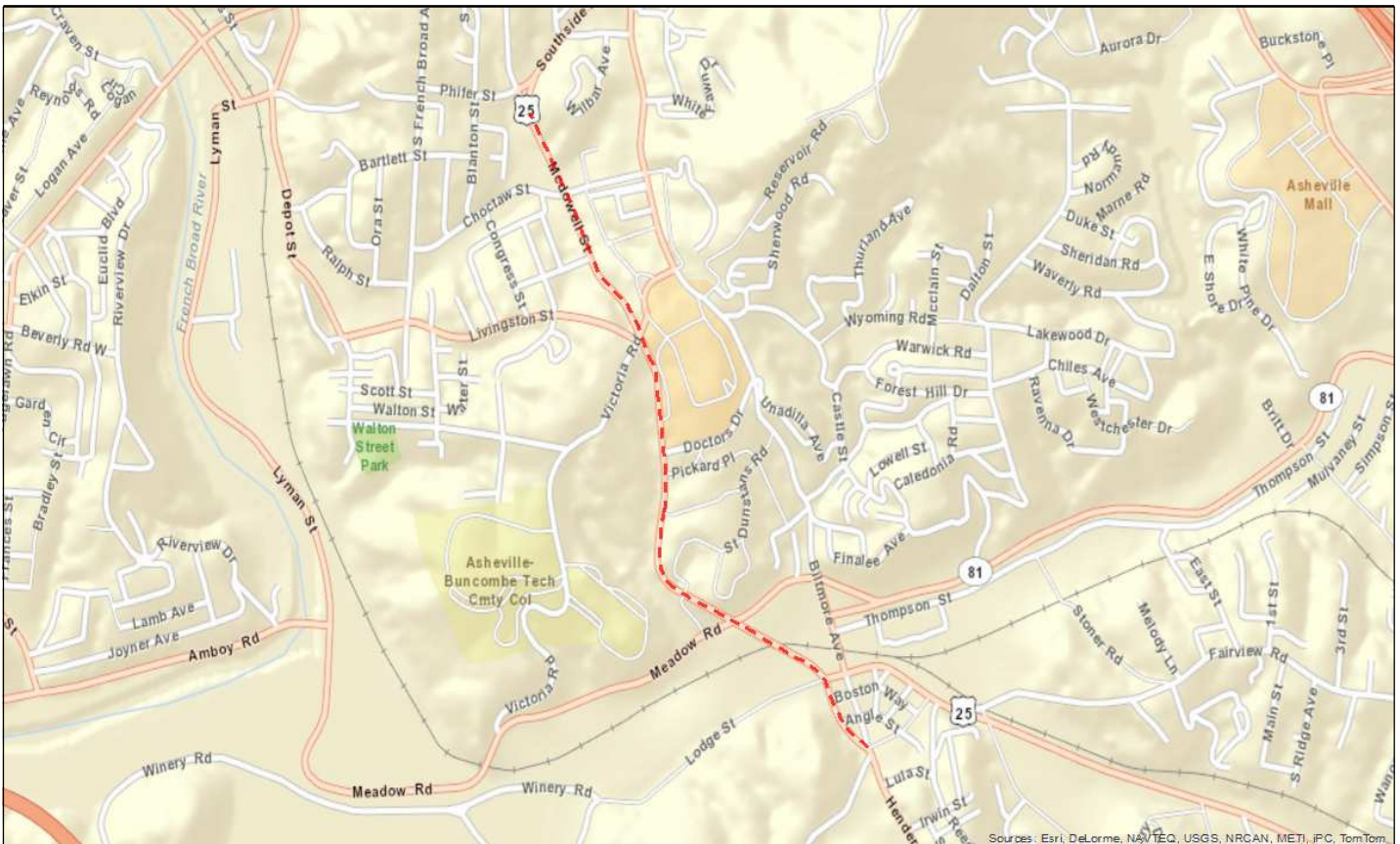
Access Management, spot intersection, and other operational improvements.

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 84.41	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 82.09		
[Travel Time] Benefit/Cost (25%) 2.08		
Accessibility / Connectivity (10%) 6.70		
Totals: Weight: 70% Weighted Score: 30.5		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 84.41	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 82.09		
[Travel Time] Benefit/Cost (20%) 2.08		
Totals: Weight: 50% Weighted Score: 25.51		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	20109.66
Capacity:	15800.23
Volume/Capacity Ratio:	1.27
% Autos:	97%
% Trucks:	3%
Truck Volume:	648.75
Crash Density:	79.89
Crash Severity:	86.52
Critical Crash Rate:	79.89
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	66
Actual Congested Speed:	26.92
Travel Time Index:	1.3

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.6
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2868017.51
Travel Time Savings for 30 Years (Autos):	2775494.09
Travel Time Savings for 30 Years (Trucks):	92523.42
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	FBRMPO CTP
CTP/LRTP Completion Year:	2008
Submitted by:	French Broad River MPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$18,269,000	Cost Estimation Tool
Right-of-Way Cost:	\$11,076,000	Cost Estimation Tool
Utilities Cost:	\$1,329,000	Cost Estimation Tool
Total Project Cost:	\$30,674,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$30,674,000	